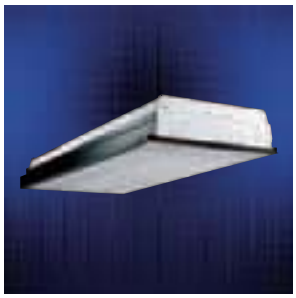
COOPER LIGHTING - METALUX®



2PGAX SERIES

1' x 2', 1' x 4', 2' x 2', 2' x 4', 20" x 24", 20" x 48" Parabolic

1, 2, 3 or 4 Lamp Parabolic Louver

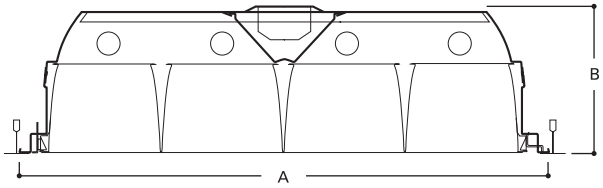
PARALUX IV RECESSED AIR SUPPLY TROFFER

- Equipped with energy saving ballasts/complies with federal energy efficiency standards
- Computer designed, precision cell louver technology
- Field convertible feature
- Self-locking spring loaded cam latches/T hinges
- Four auxiliary fixture end suspension points
- Interlocking tabs and screws secure end plates
- End plate grid-lock feature (1)
- Efficient air handling options
- Hard metric configurations are available
- Floating louver/black reveal
- For information on flanged fixture, including ceiling opening size, see Technical Section.
- UL/CUL Listed. Suitable for damp locations.

DESCRIPTION

The Paralux IV series features recessed aesthetics and the latest in energy efficient technology. The luminaire incorporates a 4" precision cell louver into a nominal 6-1/2" deep para-contoured fixture housing. This combination creates a high comfort parabolic optical assembly for optimum performance. The Paralux IV series offers balanced illumination with reduced glare, increased VCP's and excellent shielding. The series is compatible with all of today's popular ceiling systems. The Paralux IV series is an excellent choice for commercial office spaces, schools, hospitals or retail merchandising areas.

DIMENSIONS



NOMINAL SIZE	A	B
1' x 2'	11-3/4" (298mm)	7-5/8" (194mm)
1' x 4'	11-3/4" (298mm)	7-5/8" (194mm)
2' x 2'	23-3/4" (603mm)	6-5/8" (168mm)
2' x 4'	23-3/4" (603mm)	6-5/8" (168mm)
20" x 24"	19-3/4" (502mm)	6-5/8" (168mm)
20" x 48"	19-3/4" (502mm)	6-5/8" (168mm)

ORDERING INFORMATION

SAMPLE NUMBER: 2PGAX-332S36I-120V-EB81-U

HM=Hard Metric

HR=Heat Removal (1)
HRDO=Heat Removal Damper Open
HRDC=Heat Removal Damper Closed

Width
2'=2' width
Blank=1' width or 20" width

P=Paralux Louver

Trim Type
G=Grid/Lay-in (Standard)
G or **T**=Concealed T
G or **T**=Slot Grid (2)
F=Flange Trim
MZ=Modular Trim
Convertible Fixture Standard G (Grid) Type-Fixtures can be field converted to T-option or vice-versa.(3) Fixture also adaptable with flanged or modular trims.

AX=Air Supply Floating Louver
X=Blank Side/Floating Louver - Non-Air Supply (Omit A)
AVX=Air Supply Floating Louver with Directional Air Vane (Add V)

2048=20" Width x 48" Length
2024=20" Width x 24" Length

Number of Lamps (4)
1, 2, 3 or **4** lamps
(Not included)

Wattage (Length)
U6T8=31W T8 (24")
17=17W T8 (24")
U15/8=31W T8 (24")
BX40=40W Biax (24")
32=32W T8 (48")

Louver Color
S=Silver
W=White

Cell Configuration*
(See below for Louver Options)

Louver Finish
H=Semi-Specular/Haze (Gold only)
I=Semi-Specular/Haze (Low Iridescent) Standard (Silver Only)
MI=Specular/Mirrored (Low Iridescent) (Silver Only)
P=Painted (White only)

Voltage (5)
UNV=Universal Voltage 120-277(6)
347V=347 Volt

Options
GL=Single Element Fuse
GM=Double Element Fuse
WTR=White Reveal
Lamps - for lamps installed, see lamp options table
Flex - for flex installed, see flex ordering table
Emergency - for EM installed, see EM options table

Ballast Type (5)
Blank=Standard Magnetic Ballast (Biax & 20W)
LE3=T12 Magnetic Energy Saving
EB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10%
No. of Ballast 1, 2 or 3
EB8_/PLUS= T8 Electronic Instant Start. High Ballast Factor >1.13. Total Harmonic Distortion < 20%
No. of Ballast 1, 2 or 3
ER8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%
No. of Ballast 1, 2 or 3
EB5_=T5 Biax Electronic Instant Start. Total Harmonic Distortion < 20%
No. of Ballast 1, 2 or 3
TEB5_=T5 Biax Electronic Instant Start. Total Harmonic Distortion < 10%
No. of Ballast 1, 2 or 3
EB2_=T12 Electronic Rapid Start.
No. of Ballast 1 or 2
DLS=Digital Lighting System Dimming
(For complete details on generic or to specify manufacturer's ballast see pg. 469)

Options
(See Options Section)

Packaging
U=Unit Pack
PAL=Job Pack, out of carton
PALC=Job Pack, in carton

PRODUCT INFORMATION FOR PARALUX IV

Housing Size	Louver Cell Configuration*	Number of Cells
1' x 2'	**13, 14, 23, 24**	3, 4, 6, 8
1' x 4'	**16, 18, 19, 26, 28, 29**	6, 8, 9, 12, 16, 18
2' x 2'	**22, 23, 24, 33, 34, 44**	4, 6, 8, 9, 12, 16
20" x 24"	**23, 24, 33, 34**	6, 8, 9, 12
20" x 48"	**26, 28, 29, 36, 38, 39, 46, 48, 49**	12, 16, 18, 18, 24, 27, 24, 32, 36
2' x 4'	**26, 28, 29, 36, 38, 46, 48, 49**	12, 16, 18, 18, 24, 24, 32, 36

*Example: 36= 3 rows of 6 (18 cells)

NOTES: (1) Integral end plate grid lock feature not available in heat removal. (2) An EQ Grid Clip is recommended for all 9/16" ceiling systems. (3) Convertibility applies to housing only, appropriate shielding media assemblies must be utilized. (4) Standard off-center ballast on 3-lamp fixtures. (5) Products also available in non-US voltages and frequencies for international markets. (6) Not available when specifying emergencies, voltage must be specific.

For complete product data, reference the Fluorescent Specification binder. Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Representative for availability and ordering information.